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Farshid Arman, J. K. Aggarwal

 March 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 1

 Full text available: [pdf\(3.42 MB\)](#)

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The goal in computer vision systems is to analyze data collected from the environment and derive an interpretation to complete a specified task. Vision system tasks may be divided into data acquisition, low-level processing, representation, model construction, and matching subtasks. This paper presents a comprehensive survey of model-based vision systems using dense-range images. A comprehensive survey of the recent publications in each subtask pertaining to dense-range image object recogni ...

Keywords: 3D object recognition, 3D representations, CAD-based vision, dense-range images, image understanding

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U. Clarenz, U. Diewald, M. Rumpf

 October 2000 **Proceedings of the conference on Visualization '00**

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Keywords: geometric modeling, image processing, numerical analysis

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